

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. – 11. (Canceled)

12. (Currently Amended) A drilling liner system comprising a running tool having a substantially cylindrical first body and a first bore therethrough, the first body having an end adapted for connection to a drill string, and a setting sleeve having a substantially cylindrical second body and a second bore therethrough, the second body having an end adapted for connection to a liner, wherein the running tool and the setting sleeve couple via a detachable coupling comprising a first substantially tubular member having a bore therethrough, a first screw thread around an outer surface thereof, one or more raised portions arranged circumferentially on the outer surface, the raised portions defining a first face surrounding the first substantially tubular member and substantially perpendicular to the outer surface, the first face being directed toward the first screw thread, the first face having a [[P]] plurality of first [[P]] projections, each first projection having a substantially first straight portion arranged parallel to the bore of the first substantially tubular member and a first sloping portion, joining an apex of the first projection to a base of an adjacent projection: and a second tubular member having a bore therethrough, a second screw thread around an inner surface thereof, one or more raised portions arranged circumferentially on an outer surface thereof, the raised portions defining a second face surrounding the second tubular member and substantially perpendicular to the outer surface, the second face being at an end of the second tubular member, the second face having a [[P]] plurality of second projections, each second projection having a substantially second straight portion arranged parallel to the bore of the second tubular member and a second sloping portion, joining an apex of the second projection to a base of an adjacent projection; wherein the first tubular member slides within the second tubular member, the first and second screw threads mate and on partial engagement of the screw threads, the first and second straight portions can meet to thereby transfer torque when a member is rotated in the direction of the screw threads, wherein the running tool includes one or more first radial outlets arranged circumferentially around the first body, the setting sleeve includes one or more second radial outlets arranged

circumferentially around the second body, and in a first position the first and second radial outlets are aligned and fluid can pass radially from the system.

13. (Previously Presented) The drilling liner system as claimed in claim 12 wherein the running tool includes the first tubular and the setting sleeve includes the second tubular member.
14. (Previously Presented) The drilling liner system as claimed in claim 12 wherein the bores align to provide a continuous central bore through the system.
15. (Previously Presented) The drilling liner system as claimed in claim 12 wherein the screw threads are right hand screw threads.
16. (Canceled)
17. (Previously Presented) The drilling liner system as claimed in claim 12 wherein there are four radial outlets in each body.
18. (Previously Presented) The drilling liner system as claimed in claim 12 wherein the first position occurs when the first and second screw threads are partially engaged.
19. (Currently Amended) The drilling liner system as claimed in claim 12 wherein the system further comprises a seal stem, the stem having a substantially cylindrical third body with a third bore therethrough, a third screw thread on an outer surface thereof for engagement to the second screw thread, and a polished end distal to the screw thread. ~~Once the running tool is decoupled from the setting sleeve, the stem can be connected to the setting sleeve to provide a polished bore receptacle to the setting sleeve for tie back purposes.~~
20. (Currently Amended) A method of setting a liner in a well bore, the method comprising the steps;
 - (a) providing a drilling liner system comprising a running tool having a substantially cylindrical first body and a first bore therethrough, the first body having an end adapted for connection to a drill string, and a setting sleeve having a substantially cylindrical second body and a second bore therethrough, the second body having an end adapted for connection to a liner, wherein the running tool and the setting sleeve couple via a detachable coupling a first substantially tubular member

having a bore therethrough a first screw thread around an outer surface thereof, one or more raised [[P]]portions arranged circumferentially on the outer surface, the raised portions defining a first face surrounding the first substantially tubular member and substantially perpendicular to the outer surface, the first face being directed toward the first screw thread- the first face having a plurality of first projections, each first projection having a substantially first straight portion arranged parallel to the bore of the first substantially tubular member and a first sloping portion, joining an apex of the first projection to a base of an adjacent projection, and a second tubular member having a bore therethrough, a second screw thread around an inner surface thereof, one or more raised portions arranged circumferentially on an outer surface thereof, the raised portions defining a second face surrounding the second tubular member and substantially perpendicular to the outer surface, the second face being at an end of the second tubular member, the second face having a plurality of second projections, each second projection having a substantially second straight portion arranged parallel to the bore of the second tubular member and a second sloping portion, joining an apex of the second projection to a base of an adjacent projection; wherein the first tubular member slides within the second tubular member, the first and second screw threads mate and on partial engagement of the screw threads, the first and second straight portions can meet to thereby transfer torque when a member is rotated in the direction of the screw threads;

- (b) connecting the running tool and setting sleeve by engaging the screw threads until the first and second straight portions meet;
- (c) connecting the running tool to a drill string and the setting sleeve to a liner;
- (d) transmitting torque to the liner by rotating the drill string in a first direction;
- (e) cementing the liner in place by introducing cement slurry axially into the bore, to allow the slurry to exit the liner and locate between the liner and the well bore;
- (f) rotating the drill string in a reverse direction until the screw threads disengage and shearing shear means when the drill string is rotated in the reverse direction; and
- (g) removing the running tool from the well bore; and
- (h) removing an assembly from the well bore through the liner when the system is connected to the liner.

21. – 24. (Canceled)

25. (Previously Presented) The method of setting a liner in a well bore as claimed in claim 20 wherein the method includes the step of rotating and reciprocating the system on the drill string during cementing.

26. (Canceled)

27. (New) A method of setting a liner in a well bore, the method comprising the steps;

- (a) providing a drilling liner system comprising a running tool having a substantially cylindrical first body and a first bore therethrough, the first body having an end adapted for connection to a drill string, and a setting sleeve having a substantially cylindrical second body and a second bore therethrough, the second body having an end adapted for connection to a liner, wherein the running tool and the setting sleeve couple via a detachable coupling a first substantially tubular member having a bore therethrough a first screw thread around an outer surface thereof, one or more raised portions arranged circumferentially on the outer surface, the raised portions defining a first face surrounding the first substantially tubular member and substantially perpendicular to the outer surface, the first face being directed toward the first screw thread- the first face having a plurality of first projections, each first projection having a substantially first straight portion arranged parallel to the bore of the first substantially tubular member and a first sloping portion, joining an apex of the first projection to a base of an adjacent projection, and a second tubular member having a bore therethrough, a second screw thread around an inner surface thereof, one or more raised portions arranged circumferentially on an outer surface thereof, the raised portions defining a second face surrounding the second tubular member and substantially perpendicular to the outer surface, the second face being at an end of the second tubular member, the second face having a plurality of second projections, each second projection having a substantially second straight portion arranged parallel to the bore of the second tubular member and a second sloping portion, joining an apex of the second projection to a base of an adjacent projection; wherein the first tubular member slides within the second tubular member, the first and second

- screw threads mate and on partial engagement of the screw threads, the first and second straight portions can meet to thereby transfer torque when a member is rotated in the direction of the screw threads;
- (b) connecting the running tool and setting sleeve by engaging the screw threads until the first and second straight portions meet;
 - (c) connecting the running tool to a drill string and the setting sleeve to a liner;
 - (d) transmitting torque to the liner by rotating the drill string in a first direction;
 - (e) cementing the liner in place by introducing cement slurry axially into the bore, to allow the slurry to exit the liner and locate between the liner and the well bore;
 - (f) rotating the drill string in a reverse direction until the screw threads disengage and shearing shear means when the drill string is rotated in the reverse direction;
 - (g) aligning the radial ports to expel fluid from the system; and
 - (h) removing the running tool from the well bore.
28. (New) The method of setting a liner in a well bore as claimed in claim 27 wherein the method includes the step of rotating and reciprocating the system on the drill string during cementing.
29. (New) A method of setting a liner in a well bore, the method comprising the steps;
- (a) providing a drilling liner system comprising a running tool having a substantially cylindrical first body and a first bore therethrough, the first body having an end adapted for connection to a drill string, and a setting sleeve having a substantially cylindrical second body and a second bore therethrough, the second body having an end adapted for connection to a liner, wherein the running tool and the setting sleeve couple via a detachable coupling a first substantially tubular member having a bore therethrough a first screw thread around an outer surface thereof, one or more raised portions arranged circumferentially on the outer surface, the raised portions defining a first face surrounding the first substantially tubular member and substantially perpendicular to the outer surface, the first face being directed toward the first screw thread- the first face having a plurality of first projections, each first projection having a substantially first straight portion arranged parallel to the bore of the first substantially tubular member and a first

sloping portion, joining an apex of the first projection to a base of an adjacent projection, and a second tubular member having a bore therethrough, a second screw thread around an inner surface thereof, one or more raised portions arranged circumferentially on an outer surface thereof, the raised portions defining a second face surrounding the second tubular member and substantially perpendicular to the outer surface, the second face being at an end of the second tubular member, the second face having a plurality of second projections, each second projection having a substantially second straight portion arranged parallel to the bore of the second tubular member and a second sloping portion, joining an apex of the second projection to a base of an adjacent projection; wherein the first tubular member slides within the second tubular member, the first and second screw threads mate and on partial engagement of the screw threads, the first and second straight portions can meet to thereby transfer torque when a member is rotated in the direction of the screw threads;

- (b) connecting the running tool and setting sleeve by engaging the screw threads until the first and second straight portions meet;
- (c) connecting the running tool to a drill string and the setting sleeve to a liner;
- (d) transmitting torque to the liner by rotating the drill string in a first direction;
- (e) following rotation in the first direction, noting a first circulation pressure in the well bore;
- (f) applying liner weight to bottom of well and partly releasing the running tool from the setting sleeve to shear the shear screws and align the radial ports;
- (g) confirming that circulation pressure has dropped from the first circulation pressure;
- (h) on pressure loss rotating the drill string until the straight portions meet;
- (i) confirming circulation pressure has returned to first circulation pressure;
- (j) cementing the liner in place by introducing cement slurry axially into the bore, to allow the slurry to exit the liner and locate between the liner and the well bore;
- (k) rotating the drill string in a reverse direction until the screw threads disengage; and
- (l) removing the running tool from the well bore.

30. (New) The method of setting a liner in a well bore as claimed in claim 29 wherein the method includes the step of rotating and reciprocating the system on the drill string during cementing.